Video - Intro to video resolution

H2GY1K

LECTURE SUMMARY

Covered in this lecture:

What you need to know about resolution

- **Video resolution refers to how much detail a screen can show or a camera can record**
- The standard right now is 1080p (full HD), p meaning progressive scan - the technology that TVs use to scan the pixels and display them
- **The standard aspect ratio of a video is 16:9 (1920x1080)**
- The latest resolution is 4K (3840x2160)
- If you shoot with multiple cameras at the same time, make sure they all have the same resolution
- It's important to figure out what kind of device your customers will use to view your video and adapt accordingly
- Even if most devices are still only displaying in 1080p, shooting in 4K means you'll have twice as many pixels to work with
- When you edit the video and want to zoom in, you won't lose the quality
- **Downsampling is a process that turns a 4K video into a 1080p video by choosing only the best pixels**